Message

From: Richard Di Giulio, Ph.D. [richd@duke.edu]
Sent: 5/24/2018 8:16:59 PM
To: Strynar, Mark [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5a9910d5b38e471497bd875fd329a20a-Strynar, Mark]
CC: Rafael Trevisan, Ph.D. [rafael.trevisan@duke.edu]
Subject: Re: extract of Chemours effluent

Hi Mark,

Great – thanks so much! For the zebrafish embryo exposures, in addition to voiding the ammonia, we would probably need to get these into DMSO eventually. Lee can help us with that.

I'm cc-ing my post-doc/lab manager Rafael Trevisan. Let us know a covenient time and place, maybe next week, when we can come over and get them.

Again, thanks!

Rich

Richard T. Di Giulio
Sally Kleberg Professor of Environmental Toxicology
Nicholas School of the Environment
Duke University
Durham, NC 27708-0328
919-613-8024
richd@duke.edu

From: "Strynar, Mark" <Strynar.Mark@epa.gov>
Date: Thursday, May 24, 2018 at 3:27 PM
To: "DeWitt, Jamie" <DEWITTJ@ecu.edu>, "Fenton, Suzanne (NIH/NIEHS) [E]" <suzanne.fenton@nih.gov>, "Richard Di Giulio, Ph.D." <richd@duke.edu>
Cc: "McCord, James" <mccord.james@epa.gov>, "Lang, Johnsie" <lang.johnsie@epa.gov>
Subject: extract of Chemours effluent

All,

I have an extract of the Chemours wastewater for you all. Sue I think Kevin came to get yours yesterday. James McCord eluted one of the SPE cartridges for each of you that had 4 L of water passed through it. I still have 2 SPE cartridges remaining representing 8 L of water.

Johnsie Lang measured 3 analytes in the water that we had standards for:
GenX 8,189 ng/L
Nafion BP2 303 ng/L
PFMOAA 77,688 ng/L

Thus these mass values go up 4x as we captured 4 L of water.

We also know there are many other PFAS in this water (at least 10 others) we are trying to estimate based on things we can measure. Stay tuned for more info.

However, if you are still interested we can figure out how to get these extracts to you for your use. They are currently in 5 mL of methanol with 0.1% NH4OH. We usually evaporate down to a smaller volume and thus drive off the ammonia.

Mark